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Attorney Docket No. 60021-0012

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE FEB 05 2002

Technology Center 2600

In application of:

Confirmation No.: 7531

Anant Sahai, et al.

Group Art Unit No.: 2631

Serial No.: 09/888,227

Examiner: NYA

Filed on: June 22, 2001

For: SYNTHESIZING COHERENT CORRELATION SUMS AT ONCE OR MULTIPLE CARRIER FREQUENCIES USING CORRELATION SUMS CALCULATED AT A COARSE SET OF FREQUENCIES

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

 X 37 C.F.R. §1.97(b).

 37 C.F.R. §1.97(c). If so, then this Information Disclosure Statement includes one of the following:

 A statement pursuant to 37 C.F.R. §1.97(e)

 1.97(e)(1) The undersigned hereby states that each item of information contained in this information disclosure statement was first cited in communication from a foreign patent office in a counterpart

foreign application not more than three months prior to the filing of this information disclosure statement.

_____ 1.97(e)(2) The undersigned hereby states that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.

_____ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

_____ 37 C.F.R. §1.97(d). If so, then this Information Disclosure Statement includes the following:

_____ A statement pursuant to 37 C.F.R. §1.97(e)

_____ 1.97(e)(1) The undersigned hereby states that each item of information contained in this information disclosure statement was first cited in communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement; OR

_____ 1.97(e)(2) The undersigned hereby states that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.

AND

_____ A check for \$180.00 for the fee under 37 C.F.R. §1.17(i) for submission of the Information Disclosure Statement.

_____ 37 C.F.R. §1.97(i). Wherein applicants are submitting references before the grant of a patent to be placed in the file but not considered by the Patent office.

- (1) Accordingly, copies of the references as listed on the attached Form PTO 1449 are submitted herewith for placement in the file. No certification or fees are deemed necessary.

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Throughout the pendency of this application, please charge any additional fees, any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,

HICKMAN PALERMO TRUONG & BECKER LLP

Dated: January 18, 2002



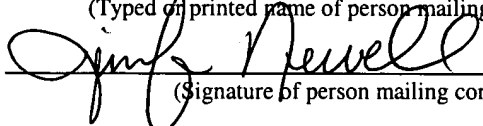
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, Washington, D. C. 20231 on January 22, 2002
(Date of Deposit)

Jennifer Newell

(Typed or printed name of person mailing correspondence)



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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)


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 APPLICANT
Anant Sahai, et al.

 FILING DATE
June 22, 2001

 GROUP
2631

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	4,701,934	10/20/87	Jasper	375	1	9/3/85
	5,663,734	9/2/97	Krasner	342	357	3/8/96
	5,781,156	7/14/98	Krasner	342	357	4/23/97
	5,841,396	11/24/98	Krasner	342	357	12/4/96
	5,884,214	3/16/99	Krasner	701	207	9/6/96

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Tsui, James Bao-Yen, "Fundamentals of Global Positioning System Receivers: A Software Approach," Wiley, 2000, pp. 149-150.
	Psiaki, Mark L., "Block Acquisition of Weak GPS Signals in a Software Receiver," Cornell University Presented at ION GPS 2001, 11-14 September 2001, Salt Lake City, pp. 1-13.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.